

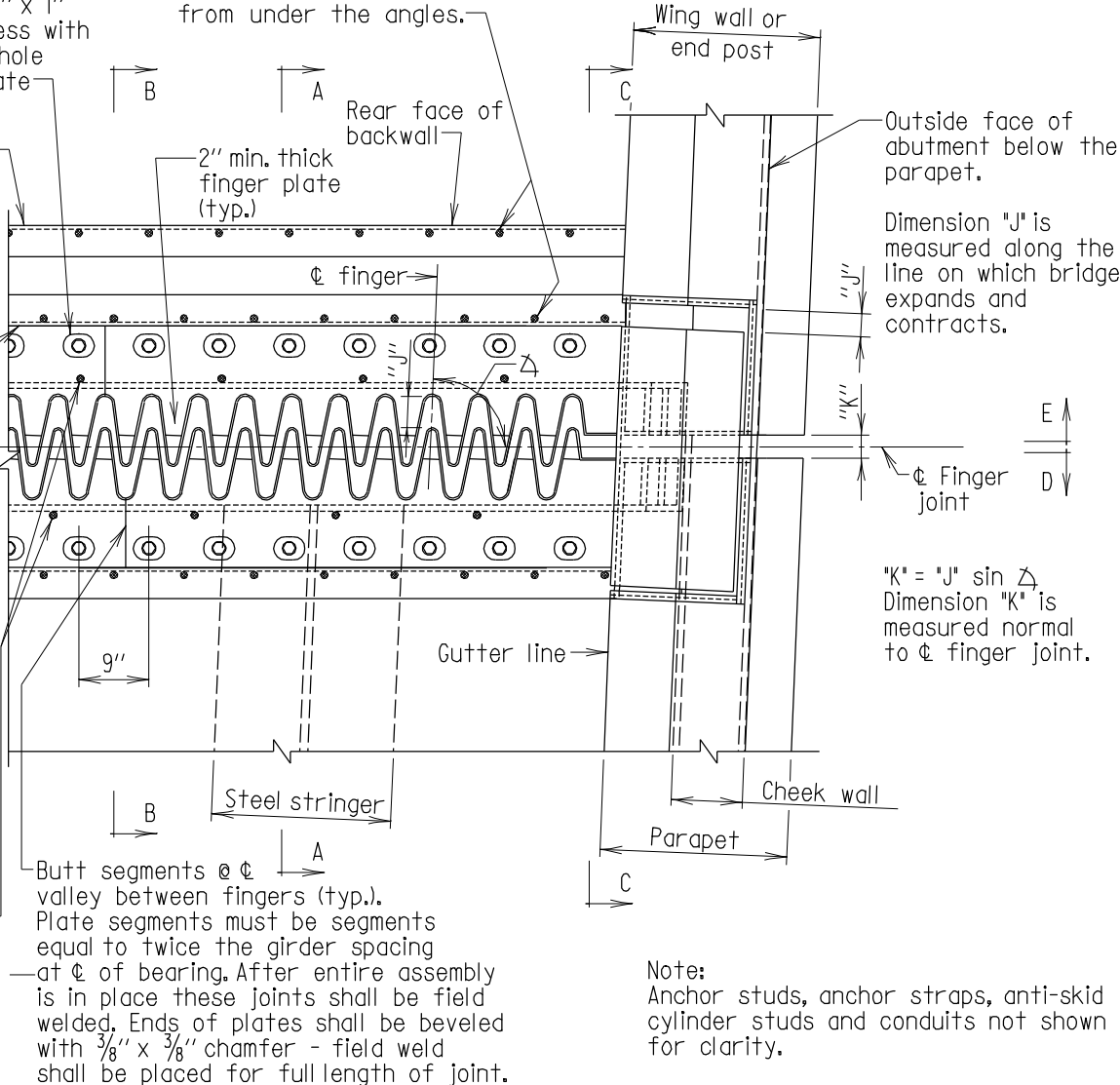
1" Φ ASTM Type 304 A stainless steel hex. head bolt with stainless steel lock washer @ 9" c/c in 4" x 3" x 1" deep slotted recess with 2" x 1 1/16" slotted hole (typ.) in finger plate

6" x 4" x 1/2" roadway angle

4" x 3" x 1/2" roadway angle (typ.)

1 5/16" Φ vent holes through the angle and finger plate located at every third tooth (in center of tooth). Contractor and Engineer shall verify during deck and backwall placement, that all vent holes are filled with concrete that has been forced from under the angles.

1 5/16" Φ Vent holes @ 1'-0" c/c (as close to vertical leg as possible) (typ.). Contractor and Engineer shall verify during deck and backwall placement, that all vent holes are filled with concrete that has been forced from under the angles.



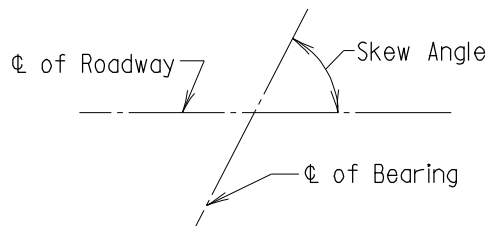
Note: Anchor studs, anchor straps, anti-skid cylinder studs and conduits not shown for clarity.

PLAN AT ROADWAY LEVEL

Scale: 1/2" = 1'-0"

Note:

Φ finger is parallel to the direction of superstructure movement.



SKIEW ANGLE

Scale: None

Notes:

- For dimensions "J" & "K" and finger plate thickness see Sheet No. 13 of 13.
- For SECTIONS A-A, B-B, C-C, D-D & E-E see Sheet Nos. 3, 4, 5, 6 & 7 of 13.

APPROVAL	
<i>L. S. Friedman</i>	DIRECTOR
OFFICE OF STRUCTURES	
DATE: 8/19/04	
REVISIONS	
SHA	FHWA
10-17-05	
7-19-06	
FHWA APPROVAL	
DATE:	

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

FINGER JOINT DETAILS (42" F-SHAPE PARAPET)
FOR BRIDGES WITH STEEL STRINGERS
WITH SKEW ANGLES BETWEEN 50° AND 90°

STANDARD NO. BR-SS(7,18)-04-321B

SHEET 1 OF 13